

# Rubber Expansion Joint



## Description

Thermal growth, equipment movement, vibration or pressure pulsation may generate movement in a piping system. When this movement is not absorbed by the piping system itself, an expansion joint is the perfect solution. A Rubber Expansion Joint is flexible connector fabricated of natural or synthetic elastomers, fluoroplastics and fabrics and, if necessary, metallic reinforcements used to absorb movements in a piping system while containing pressure and a medium running through it.

**Rubber Expansion Joints are manufactured considering**

- Chemical and Temperature resistance of internal layers
- Pressure-resistant reinforcing fabrics
- Weather, ozone and UV-resistance of external layers

There are four basic movements that can be absorbed by a rubber Expansion Joint

## Advantages

- ✓ Minimal face-to-face dimensions while absorbing large movements
- ✓ Low Spring Rates due to inherent flexibility of rubber
- ✓ Corrosion and Erosion resistance
- ✓ No gaskets required for installation
- ✓ Reduced fatigue factor